Amendments to the Specification:

Please replace paragraph [0008] with the following amended paragraph, wherein one edit is provided to the last sentence only:

[0008] In accordance with an embodiment of the present invention, a test strip reader comprises: (1) an optical sensor with an imaging array of pixels; (2) a light source; (3) a channel configured for receiving a test strip to be imaged by the test strip reader and for guiding the insertion and removal of the test strip with respect to the optical sensor, the test strip comprising optically detected information; (4) a lens positioned with respect to the imaging array and the light source to focus light from the light source that has been reflected from the test strip onto the imaging array, the optical sensor being operable to determine change of direction data corresponding to the position of the test strip with respect to the optical sensor; and (5) a processing device connected to the optical sensor for using the change of direction data to determine the position of the test strip with respect to the test strip reader, and for determining at least one of the optical absorptions of the information on the test strip, and diagnostic significance of the information on the test strip, with respect to the corresponding ~~the~~ position of the test strip with respect to the test strip reader.

Please replace paragraph [0013] with the following amended paragraph, wherein one edit is provided to the last sentence only:

[0013] In accordance with an aspect of the invention, a method of reading indicia from a test strip comprising the steps of: (1) moving a test strip relative to an imaging array of pixels, the test strip comprising optically detected information; (2) imaging at least part of the test strip using the imaging array of pixels; (3) generating change of direction data corresponding to the distance, rate and direction the test strip is moved relative to the imaging array; (4) using the change of direction data to determine the position of the test strip with respect to the test strip reader; and (5) determining at least one of the optical absorptions of the information on the test strip, and diagnostic significance of the information on the test strip, with respect to the corresponding ~~the~~ position of the test strip with respect to the test strip reader.